

Title (en)

Method and system for mapping data in a virtual storage data processing system.

Title (de)

Verfahren und Anordnung zur Datenabbildung in einem Datenverarbeitungssystem mit virtuellem Speicher.

Title (fr)

Méthode et système pour transformation topographique de données pour un système de traitement de données à mémoire virtuelle.

Publication

**EP 0370178 A2 19900530 (EN)**

Application

**EP 89115535 A 19890823**

Priority

US 27406288 A 19881121

Abstract (en)

A linear data set is mapped to one or more non-main storage virtual data spaces. Portions of this data space are then selectively mapped to a "window" in an address space in which an application is executing, and changes made in this "window" are temporarily saved in the data space. After completion of processing, the application may permanently save changed data from the data space to the linear data set. The technique for mapping the data space to the address space may be used to map between two address spaces, and may be extended to encompass third and subsequent spaces, so that a reference to a mapped address in the first space will ultimately be interpreted as a reference to an address in the last mapped space.

IPC 1-7

**G06F 12/08**; **G06F 12/10**

IPC 8 full level

**G06F 12/08** (2006.01); **G06F 12/10** (2006.01)

CPC (source: EP US)

**G06F 12/08** (2013.01 - EP US); **G06F 12/109** (2013.01 - EP US)

Cited by

EP1811384A3; CN100456266C; US7617381B2; EP1811384A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0370178 A2 19900530**; **EP 0370178 A3 19910502**; **EP 0370178 B1 19951115**; DE 68924833 D1 19951221; DE 68924833 T2 19960627; JP H02181843 A 19900716; JP H0524539 B2 19930408; US 5095420 A 19920310

DOCDB simple family (application)

**EP 89115535 A 19890823**; DE 68924833 T 19890823; JP 30097389 A 19891121; US 27406288 A 19881121